

## ABSTRACT OF THE INVENTION

The present invention provides for a method and system of  
5 automatically generating time-scaled work plans using customized user  
interfaces to access back-end estimating software; export quantities from  
third party computer-aided design software into an external database;  
import quantities into estimating software to calculate costs, and assign  
activity relationships between relational database information to  
10 automatically produce third party project schedules. The present invention  
accesses back-end data from third party computer-aided design software,  
estimating software and project schedule software to produce planning  
documents, execution documents and time-scaled work plans by means of  
a graphical user interface and object-oriented database.

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